

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054256.D
 Acq On : 12 Jul 2022 14:48
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/13/2022
 Supervised By : Jagrut Upadhyay 07/13/2022

Quant Time: Jul 12 15:19:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 13:28:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	34785	20.000	ng	0.00
21) Naphthalene-d8	10.855	136	128254	20.000	ng	# 0.00
39) Acenaphthene-d10	14.674	164	101071	20.000	ng	0.00
64) Phenanthrene-d10	17.418	188	263817	20.000	ng	# 0.00
76) Chrysene-d12	21.695	240	303236	20.000	ng	# 0.00
86) Perylene-d12	24.933	264	341042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.614	112	246096	135.263	ng	0.00
7) Phenol-d6	7.224	99	346695	140.469	ng	0.02
23) Nitrobenzene-d5	9.216	82	360234	157.841	ng	0.00
42) 2,4,6-Tribromophenol	16.166	330	309829	190.795	ng	0.00
45) 2-Fluorobiphenyl	13.299	172	995842	143.274	ng	0.00
79) Terphenyl-d14	20.027	244	1946460	129.283	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.893	79	141419m	66.633	ng	
4) n-Nitrosodimethylamine	3.810	42	76867	82.338	ng	# 85
6) Aniline	7.377	93	199164	68.061	ng	97
8) 2-Chlorophenol	7.612	128	139746	71.936	ng	94
10) Phenol	7.247	94	173590	69.399	ng	96
11) bis(2-Chloroethyl)ether	7.465	93	131136	68.304	ng	93
12) 1,3-Dichlorobenzene	7.935	146	170372	69.991	ng	91
13) 1,4-Dichlorobenzene	8.082	146	172626	70.598	ng	97
14) 1,2-Dichlorobenzene	8.399	146	162817	69.363	ng	99
15) Benzyl Alcohol	8.287	79	147309	79.856	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.569	45	171962	59.916	ng	93
17) 2-Methylphenol	8.493	107	125757	72.374	ng	96
18) Hexachloroethane	9.128	117	59883	73.823	ng	# 73
19) n-Nitroso-di-n-propyla...	8.863	70	117552	70.893	ng	# 92
20) 3+4-Methylphenols	8.834	107	176822	72.563	ng	97
22) Acetophenone	8.875	105	232486	74.574	ng	# 96
24) Nitrobenzene	9.257	77	176577	78.569	ng	# 86
25) Isophorone	9.786	82	319770	75.021	ng	# 92
26) 2-Nitrophenol	9.962	139	91909	92.589	ng	87
27) 2,4-Dimethylphenol	10.026	122	122863	76.470	ng	94
28) bis(2-Chloroethoxy)met...	10.256	93	162592	70.809	ng	# 97
29) 2,4-Dichlorophenol	10.508	162	184801	85.787	ng	90
30) 1,2,4-Trichlorobenzene	10.714	180	222155	83.287	ng	96
31) Naphthalene	10.908	128	480625	74.233	ng	100
32) Benzoic acid	10.256	122	70738	127.388	ng	# 85
33) 4-Chloroaniline	11.014	127	204238	76.037	ng	96
34) Hexachlorobutadiene	11.190	225	189350	92.333	ng	97
35) Caprolactam	11.836	113	51119m	86.200	ng	
36) 4-Chloro-3-methylphenol	12.148	107	170420	81.381	ng	# 85
37) 2-Methylnaphthalene	12.506	142	367351	76.686	ng	99
38) 1-Methylnaphthalene	12.723	142	356605	76.454	ng	98
40) 1,2,4,5-Tetrachloroben...	12.876	216	317833	81.610	ng	# 95
41) Hexachlorocyclopentadiene	12.858	237	123520	68.113	ng	95
43) 2,4,6-Trichlorophenol	13.117	196	191091	87.351	ng	97
44) 2,4,5-Trichlorophenol	13.193	196	207008	84.748	ng	# 93
46) 1,1'-Biphenyl	13.511	154	509868	72.422	ng	98

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47) 2-Chloronaphthalene	13.558	162	426591	74.872	ng	97
48) 2-Nitroaniline	13.757	65	124516	82.155	ng	92
49) Acenaphthylene	14.404	152	639665	72.200	ng	100
50) Dimethylphthalate	14.133	163	577244	74.992	ng	98
51) 2,6-Dinitrotoluene	14.251	165	131724	84.699	ng	# 78
52) Acenaphthene	14.744	154	388625	68.815	ng	98
53) 3-Nitroaniline	14.586	138	116648	77.419	ng	90
54) 2,4-Dinitrophenol	14.797	184	76130	107.647	ng	# 78
55) Dibenzofuran	15.074	168	666807	73.284	ng	97
56) 4-Nitrophenol	14.903	139	83801	78.340	ng	95
57) 2,4-Dinitrotoluene	15.044	165	190737	86.841	ng	# 84
58) Fluorene	15.726	166	546584	73.163	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.303	232	206159	86.304	ng	# 87
60) Diethylphthalate	15.491	149	561302	75.298	ng	96
61) 4-Chlorophenyl-phenyle...	15.708	204	360145	80.523	ng	# 90
62) 4-Nitroaniline	15.755	138	120166	76.476	ng	89
63) Azobenzene	16.002	77	424351	70.721	ng	85
65) 4,6-Dinitro-2-methylph...	15.814	198	132485	100.658	ng	77
66) n-Nitrosodiphenylamine	15.925	169	498232	72.464	ng	94
67) 4-Bromophenyl-phenylether	16.601	248	275812	83.707	ng	# 92
68) Hexachlorobenzene	16.730	284	311829	82.734	ng	# 91
69) Atrazine	16.871	200	203426	71.422	ng	94
70) Pentachlorophenol	17.077	266	145999	83.390	ng	98
71) Phenanthrene	17.465	178	949069	70.020	ng	95
72) Anthracene	17.553	178	935903	70.709	ng	99
73) Carbazole	17.823	167	788647	69.417	ng	98
74) Di-n-butylphthalate	18.376	149	924925	70.413	ng	99
75) Fluoranthene	19.474	202	1250316	70.270	ng	94
78) Pyrene	19.833	202	1239459	67.676	ng	95
80) Butylbenzylphthalate	20.708	149	437878	74.591	ng	# 88
81) Benzo(a)anthracene	21.678	228	1411970	71.915	ng	95
82) 3,3'-Dichlorobenzidine	21.584	252	414198	70.610	ng	# 95
83) Chrysene	21.748	228	1331465	71.143	ng	94
84) Bis(2-ethylhexyl)phtha...	21.572	149	620581	73.915	ng	# 91
85) Di-n-octyl phthalate	22.788	149	1063310	73.684	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.669	276	1946887	75.647	ng	98
88) Benzo(b)fluoranthene	23.916	252	1494442	72.069	ng	# 97
89) Benzo(k)fluoranthene	23.987	252	1441189	70.197	ng	# 97
90) Benzo(a)pyrene	24.792	252	1292139	73.854	ng	98
91) Dibenzo(a,h)anthracene	28.746	278	1561810	73.386	ng	# 95
92) Benzo(g,h,i)perylene	29.856	276	1591428	75.773	ng	# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

